

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A cold spray apparatus comprising:
 - a gas controller for controlling a gas supply amount of main gas and residual gas ~~(gas that is not supplied as the main gas)~~;
 - a gas heater for heating the main gas supplied under the control of the gas controller;
 - a powder feeder for receiving the residual gas under the control of the gas controller and supplying a coating powder together with the residual gas;
 - a powder preheating device for preheating the coating powder supplied from the powder feeder;
 - a mixing chamber for mixing the heated main gas with the preheated coating powder;
 - a temperature controller for adjusting temperature by controlling the powder preheating device and the gas heater; and
 - a nozzle for spraying the coating powder mixed in the mixing chamber.
2. (Original) The cold spray apparatus of claim 1, wherein the powder preheating device includes:
 - a housing;
 - a heater mounted on the housing to perform resistance heating; and
 - a powder transfer pipe formed within the housing in a screw shape in order for fluid communication between the powder feeder and the mixing chamber, the powder transfer pipe transferring the coating powder.
3. (Original) The cold spray apparatus of claim 1, wherein the powder transfer pipe is made of stainless steel.